

Express Mail No. EF241441277US

PATENT APPLICATION
Docket No.: COS-759 DIV

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors: Steven D. Gray
Tim J. Coffy

For: **Ziegler-natta catalyst for tuning MWD of polyolefin, Method of Making, Method of Using and Polyolefins Made Therewith**

Commissioner for Patents
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INFORMATION DISCLOSURE STATEMENT

Pursuant to the provisions of 37 CFR §1.97, et. seq., the Applicants submit the documents of which they are currently aware that may be material to the examination of this Application, and in respect of which, there may be a duty to disclose. The filing of this Information Disclosure Statement shall not be construed as a representation that a search of the prior art was made, an admission that the information cited is, or is considered to be, material to patentability or that no other material information exists or as an admission against interest in any manner. The Examiner is requested to consider these documents and to indicate in the first Office Action these documents are made of record.

This Application relies, under 35 USC §120, on the earlier filing date of Prior Application No. 09/687,378, filed on October 13, 2000. The following references were cited in an Information Disclosure Statement filed October 13, 2000:

U.S. Patent Application 4,255,544 to Kimura et al issued March 10, 1981;

U.S. Patent Application 4,914,069 to Job et al issued April 3, 1990;

U.S. Patent Application 5,155,187 to Shelley issued October 13, 1992;

U.S. Patent Application 5,610,246 to Buehler et al issued March 11, 1997;

U.S. Patent Application 5,631,334 to Zandona issued May 20, 1997.

The following references were cited in a Supplemental Information Disclosure Statement filed in the co-pending application on July 17, 2002, and therefore, not required to be provided with this application:

U.S. Patent 4,719,193 to Levine et al issued January 12, 1988.

European Patent 0855409 to Chen et al published July 29, 1998.

The following reference was cited by the Office in the Prior Application and, therefore, are not required to be provided in this Application:

U.S. Patent 4,426,316 to Gessell issued January, 1984;

U.S. Patent 4,448,944 to Berthold et al issued May 1984;

U.S. Patent 4,526,943 to Fuentes, Jr. et al issued July 1985;

U.S. Patent 4,634,749 to Best issued January 1987;

U.S. Patent 5,037,789 to Buehler issued August 1991;

U.S. Patent 6,174,971 to Chen et al issued January 2001;

U.S. Patent 6,486,274 to Gray et al issued November 2002;

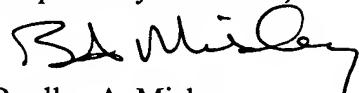
European Patent 0 068 256, dated 6/1982 to Berthold et al;

European Patent 0 357 135, dated 3/1990 to Chadwick et al;

German Patent 34 32 759 dated 3/1986 to Staiger et al;

WIPO Patent 84/04925 dated 12/1984 to Gessell et al.

Respectfully submitted,



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INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)										ATTY. DOCKET NO.	SERIAL NO.	
										COS 759	09/687,378	
										APPLICANT	Gray, et al	
FILING DATE	10/13/2000		GROUP	1713								

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER						DATE	NAME		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	4	7	1	9	1	9	3	1/12/1988	Levine et al	502	107	09/30/86
	AB	4	2	5	5	5	4	4	3/10/1981	Kimura et al			
	AC	4	9	1	4	0	6	9	4/3/1990	Job et al			
	AD	5	1	5	5	1	8	7	10/13/1992	Shelley			
	AE	5	6	1	0	2	4	6	3/11/1997	Buehler et al			
	AF	5	6	3	1	3	3	4	5/20/1997	Zandona			
	AG	4	4	2	6	3	1	6	Jan-84	Gessell			
	AH	4	4	4	8	9	4	4	May-84	Berthold et al			
	AI	4	5	2	6	9	4	3	Jul-85	Fuentes, Jr. et al			
	AJ	4	6	3	4	7	4	9	Jan-87	Best			
	AK	6	1	7	4	9	7	1	Jan-01	Chen et al			
	AL	6	4	8	6	2	7	4	Nov-02	Gray et al			
	AM	5	0	3	7	7	8	9	Aug-91	Buehler			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER						DATE	COUNTRY		CLASS	SUBCLASS	TRANSLATION	
													YES	NO
	AN	0	8	5	5	4	0	9	7/29/1998	EPO				
	AO	0	0	6	8	2	5	6	Jun-82	EPO (Berthold et al)				
	AP	0	3	5	7	1	3	5	Mar-90	EPO (Chadwick et al)				
	AQ	3	4	3	2	7	5	9	Mar-86	German (Staiger et al)				
	AR	8	4	0	4	9	2	5	Dec-84	WIPO (Gessell et al)				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AR														
AS														

EXAMINER	DATE CONSIDERED
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